

Title (en)

Knotless suture anchor for soft tissue repair and method of use

Title (de)

Knotenlose Nahtverankerung zur Weichgewebereparatur und Verwendungsverfahren

Title (fr)

Ancre de suture sans noeuds pour la réparation de tissus mous et procédé d'utilisation

Publication

EP 2160983 A3 20100428 (EN)

Application

EP 09169742 A 20090908

Priority

US 20664308 A 20080908

Abstract (en)

[origin: EP2160983A2] A knotless suture anchor provides a method for securing soft tissue to a rigid structure such as bone. The anchor has an inner member (134) that receives suture thread (122) and rotates within an outer tubular member (136). As the inner member (134) rotates, the suture thread (122) is wrapped (123) onto the inner member (134) thereby increasing contact with the outer tubular member (136) which applies pressure to the wrapped suture (123) thread to retain it in position on the inner member (134) while simultaneously and adjustably tensioning the suture thread (122,123). A ratchet prevents undesirable counter-rotation, although the ratchet can be released to permit loosening of the suture thread. Also described is a suture bridge and suture platform for providing further stabilization of a tendon. A method for repairing rotator cuff tears is also described.

IPC 8 full level

A61B 17/04 (2006.01)

CPC (source: EP US)

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Citation (search report)

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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)

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DOCDB simple family (publication)

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